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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/653,809	09/03/2003	Vladimir Pavlov	200308641-1	4510

22879 7590 12/10/2007

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EXAMINER	
CRUZ, IRIANA	
ART UNIT	**PAPER NUMBER**
2625	

NOTIFICATION DATE	DELIVERY MODE
12/10/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No.	Applicant(s)	
	10/653,809	PAVLOV ET AL.	
	Examiner	Art Unit	
	Iriana Cruz	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *03 September 2003*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-34* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-34* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *03 September 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. Applicant's election with traverse of Species II (Claims 1-34) in the reply filed on 10/23/2007 is acknowledged. The traversal is on the ground(s) that the two species described in relation to figures 3 and 6 are not different at all. This is found persuasive. Therefore the Election/restrictions requirement as mailed on 9/28/2007 has been hereby withdrawn.

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 20-26 and 32-34 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The logic stored in the computer readable medium refers to nonstatutory processes.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. **Claims 1-34** are rejected under 35 U.S.C. 103(a) as being unpatentable over Nguyen et al. (U.S. Patent Number 6,825,941 B1) in view of Chien et al. (U.S. Publication Number 2002/0066021 A1).

Regarding **Claim 1**, Nguyen '941 discloses a method for controlling a manufacturing system (i.e., the original equipment manufacturer introduce new features that can be controlled. See Column 2, Line 52-65) comprising: collecting data that defines how to modify the user interface (i.e., the original equipment manufacturer is called in order to get the data needed to modify the user interface. See Column 12, Lines 40-55); and facilitating presentation of a modified user interface that has been modified in relation to the collected data (i.e., the original equipment manufacturer adds custom items to the user interface. See Column 3, Lines 30-37).

Nguyen '941 suggests that his method can be implemented in any general purposed computing device in the form of a conventional personal computer that may be operated in a networked environment using logical connection to one or more computers where the remote computers can be another computer (See Column 7, Lines 44-56), but fails to show a method comprising intercepting a call requesting presentation of a standard user interface.

Chien'021 teaches a method comprising intercepting a call requesting presentation of a standard user interface (i.e., intercepting the call that is made by an application to use the user interface. See Paragraph 12) for modifying a user interface (i.e., the user interface that is modified is displayed. See Paragraph 12). Chien'021 teaches intercept calls in order to collect data to modify a user interface from any application where the printer could be one of the applications that connects to the computer through a network in reference (See Paragraphs 7-8, 12 and 80).

Having the system of Nguyen '941 and then given the well-established teaching of the Chien'021, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to modify the system of Nguyen '941 as taught by the Chien'021, suggested in Paragraphs 3-6, that such modification would provide secure communication across the internet and protect the improper tampering at the user machine.

Regarding **Claim 2**, the combination of Nguyen '941 and Chien'021 discloses a method wherein intercepting a call comprises intercepting a call to a printer user interface module (i.e., the original equipment manufacturer customize the user interface for general printer control ((printer user interface module)). See Column 3, Lines 33-37 in reference Nguyen '941).

Regarding **Claim 3**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system, collecting data from the manufacturer control system (i.e., the original equipment manufacturer provides customization components to modify the user interface ((the data collected to modify the user interface is taken from the original equipment manufacturer)). See Column 8, Lines 5-10 in reference Nguyen '941).

Regarding **Claim 4**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein collecting data from a manufacturer control system comprises calling the manufacturer control system (i.e., the original equipment manufacturer is called in order to get the data needed to modify the user interface. See Column 12, Lines 40-55 in reference Nguyen '941).

Regarding **Claim 5**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein calling the manufacturer control system comprises providing a set of functions to the manufacturer control system that the control system can use to define features that are to be added to the standard user interface (i.e., the original equipment manufacturer called its provided with the customized functions that will use for modifying the user interface. See Column 12, Line 40-55 in reference Nguyen '941).

Regarding **Claim 6**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein facilitating presentation of a modified user interface comprises receiving data that identifies at least one of data and code that is pertinent to supporting the modified user interface (i.e., the original equipment manufacturer adds custom items to the user interface and the driver controls the user interface ((driver controls the user interface supporting the modified user interface)) and plugs in special code for customizing the user interface. See Column 3, Lines 30-37 and See Column 8 , Lines 45-67 in reference Nguyen '941).

Regarding **Claim 7**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein facilitating presentation of a modified user interface comprises providing the received data to a printer user interface module (i.e., the original equipment manufacturer can have a user interface which interacts with user interface of the printer driver . See Column 9 , Lines 10-19 in reference Nguyen '941) .

Regarding **Claim 8**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein providing the received data comprises calling the printer user interface module to provide a set of functions to the printer user interface module that identify at least one of data and code that can be used to present the modified user interface to the user (i.e., the original equipment manufacturer provides functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 9**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein facilitating presentation of a modified user interface comprises modifying the standard user interface by at least one of adding control features to the standard user interface that enable the user to control a print mechanism in a specialized manner, adding control features to the standard user interface that enable the user to control operation other system equipment, and modifying the appearance of the standard user interface (i.e., the original equipment manufacturer modifies the user interface adding general printer control features. See Column 3, Lines 33-45 in reference Nguyen '941).

Regarding **Claim 10**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system further comprising receiving a selection entered by a user with the modified user interface and controlling system equipment in view of the entered selection (i.e., the user interface allow users to select

options within the ones installed in the printer. See Column 4, Line 1-5 in reference Nguyen '941).

Regarding **Claim 11**, the combination of Nguyen '941 and Chien'021 discloses the method for controlling the manufacturing system wherein controlling system equipment comprises controlling equipment other than a print mechanism with the modified user interface (i.e., a computer is another controlled equipment other than a print mechanism. See Figure 1 and Figure 6 in reference Nguyen '941).

Regarding **Claim 12**, Nguyen '941 discloses a control system for controlling a manufacturing system (i.e., the original equipment manufacturer introduce new features that can be controlled. See Column 2, Line 52-65) comprising: means for collecting data that defines how to modify the user interface (i.e., the original equipment manufacturer is called in order to get the data needed to modify the user interface. See Column 12, Lines 40-55); and means for facilitating presentation of a modified user interface that has been modified in relation to the collected data (i.e., the original equipment manufacturer adds custom items to the user interface. See Column 3, Lines 30-37).

Nguyen '941 suggests that this control system can be implemented in any general purposed computing device in the form of a conventional personal computer that may be operated in a networked environment using logical connection to one or more computers where the remote computers can be another computer (See Column 7, Lines 44-56), but fails to show a means for intercepting a call requesting presentation of a standard user interface.

Chien'021 teaches a control system comprising means for intercepting a call requesting presentation of a standard user interface (i.e., intercepting the call that is made by an application to use the user interface. See Paragraph 12) for modifying a user interface (i.e., the user interface that is modified is displayed. See Paragraph 12). Chien'021 teaches intercept calls in order to collect data to modify a user interface from any application where the printer could be one of the applications that connects to the computer through a network in reference (See Paragraphs 7-8, 12 and 80).

Having the system of Nguyen '941 and then given the well-established teaching of the Chien'021, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to modify the system of Nguyen '941 as taught by the Chien'021, suggested in Paragraphs 3-6, that such modification would provide secure communication across the internet and protect the improper tampering at the user machine.

Regarding **Claim 13**, the combination of Nguyen '941 and Chien'021 discloses system for controlling the manufacturing system wherein the means for collecting data comprise means for providing a set of functions that can be used to define features that are to be modified or added to the standard user interface. (i.e., the original equipment manufacturer called its provided with the customized functions that will use for modifying the user interface. See Column 12, Line 40-55 in reference Nguyen '941).

Regarding **Claim 14**, the combination of Nguyen '941 and Chien'021 discloses system for controlling the manufacturing system wherein the means for collecting data comprise means for receiving pointers to at least one of data and code that is pertinent

to modifying the standard user interface (i.e., the original equipment manufacturer adds custom items to the user interface and the driver controls the user interface ((driver controls the user interface supporting the modified user interface)) and plugs in special pointers and codes for customizing the user interface. See Column 3, Lines 30-37 and See Column 8 , Lines 45-67 in reference Nguyen '941).

Regarding **Claim 15**, the combination of Nguyen '941 and Chien'021 discloses system wherein the means for collecting data comprise means for providing the collected data to a printer user interface module (i.e., the original equipment manufacturer can have a user interface which interacts with user interface of the printer driver. See Column 9 , Lines 10-19 in reference Nguyen '941).

Regarding **Claim 16**, the combination of Nguyen '941 and Chien'021 discloses system the means for providing the collected data comprise means for providing a set of functions that identify at least one of data and code that can be used to modify the standard user interface (i.e., the original equipment manufacturer provides functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 17**, the combination of Nguyen '941 and Chien'021 discloses system wherein the means for providing a set of functions comprise means for providing a set of functions that identify the location of at least one of data and code that can be used to dynamically modify the standard user interface (i.e., the original equipment manufacturer provide functions and codes for customizing and presenting the user

interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 18**, the combination of Nguyen '941 and Chien'021 discloses system wherein the means for generating a modified user interface comprise means for at least one of adding control features to the standard user interface that enable the user to control a print mechanism in a specialized manner, adding control features to the standard user interface that enable the user to control operation other system equipment, and modifying the appearance of the standard user interface (i.e., the original equipment manufacturer modifies the user interface adding general printer control features. See Column 3, Lines 33-45 in reference Nguyen '941).

Regarding **Claim 19**, the combination of Nguyen '941 and Chien'021 discloses system further comprising means for receiving a selection entered by a user with the modified user interface and means for controlling system equipment in view of the entered selection (i.e., the user interface allow users to select options within the ones installed in the printer. See Column 4, Line 1-5 in reference Nguyen '941).

Regarding **Claim 20**, Nguyen '941 discloses a method for controlling a manufacturing system stored in a computer-readable medium (i.e., the original equipment manufacturer introduce new features that can be controlled. See Column 2, Line 52-65) comprising: logic configured to request data that defines how to modify the user interface (i.e., the original equipment manufacturer is called in order to get the data needed to modify the user interface. See Column 12, Lines 40-55); and logic configured

to provide the requested data to the printer user interface module (i.e., the original equipment manufacturer provide functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17) and logic configured to generate a modified user interface that has been modified in relation to the collected data (i.e., the original equipment manufacturer adds custom items to the user interface. See Column 3, Lines 30-37).

Nguyen '941 suggests that his method can be implemented in any general purposed computing device in the form of a conventional personal computer that may be operated in a networked environment using logical connection to one or more computers where the remote computers can be another computer (See Column 7, Lines 44-56), but fails to show a method stored in a computer-readable medium with means for intercepting a call requesting presentation of a standard user interface.

Chien'021 teaches a method stored in a computer-readable medium with logic to configure intercepting a call requesting presentation of a standard user interface (i.e., intercepting the call that is made by an application to use the user interface. See Paragraph 12) with logic configured to modifying a user interface (i.e., the user interface that is modified is displayed. See Paragraph 12). Chien'021 teaches intercept calls in order to collect data to modify a user interface from any application where the printer could be one of the applications that connects to the computer through a network in reference (See Paragraphs 7-8, 12 and 80).

Having the method stored in a computer readable medium of Nguyen '941 and then given the well-established teaching of the Chien'021, it would have been obvious to

one having ordinary skill in the art at the time of the invention was made to modify the system of Nguyen '941 as taught by the Chien'021, suggested in Paragraphs 3-6, that such modification would provide secure communication across the internet and protect the improper tampering at the user machine.

Regarding **Claim 21**, the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to request data comprises logic configured to provide a set of functions that can be used to define features that are to be modified or added to the standard user interface (i.e., the original equipment manufacturer called its provided with the customized functions that will use for modifying the user interface. See Column 12, Line 40-55 in reference Nguyen '941).

Regarding **Claim 22**, the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to request data comprises logic configured to request pointers that identify at least one of data and code that is pertinent to modifying the standard user interface (i.e., the original equipment manufacturer adds custom items to the user interface and the driver controls the user interface ((driver controls the user interface supporting the modified user interface)) and plugs in special pointers and codes for customizing the user interface. See Column 3, Lines 30-37 and See Column 8, Lines 45-67 in reference Nguyen '941).

Regarding **Claim 23**, the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to provide the requested data comprises logic configured to provide a set of functions that identify at least one of data and code that

can be used to modify the standard user interface (i.e., the original equipment manufacturer provides functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 24**, the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to provide the requested data comprises logic configured to provide pointers that identify the location of at least one of data and code that can be used to dynamically modify the standard user interface (i.e., the original equipment manufacturer provide functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 25**, the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to generate a modified user interface comprise logic configured to at least one of add control features to the standard user interface that enable the user to control a print mechanism in a specialized manner, add control features to the standard user interface that enable the user to control operation other system equipment, and modify the appearance of the standard user interface (i.e., the original equipment manufacturer modifies the user interface adding general printer control features. See Column 3, Lines 33-45 in reference Nguyen '941).

Regarding **Claim 26**, the combination of Nguyen '941 and Chien'021 discloses system further comprising logic configured to receive a selection entered by a user with

the modified user interface and logic configured to control system equipment in view of the entered selection (i.e., the user interface allow users to select options within the ones installed in the printer. See Column 4, Line 1-5 in reference Nguyen '941).

Regarding **Claim 27**, Nguyen '941 discloses a user interface modification system comprising a specialty printing application manager (i.e., the driver user interface handles all device capabilities/settings and presents the user interface, it handles the user interface module and the original equipment manufacturer control system for the customization of the user interface of the printer . See Column 3, Line 20-60 and See Column 8, Line 40-65) requesting display of a standard user interface and to request data that can be used to modify a standard user interface ; and a manufacturer control system that is configured to provide data that can be used to modify the standard user interface for a printer driver (i.e., the original equipment manufacturer provides the customization data for modifying the user interface for a printer. See Column 8, Lines 6-10).

Nguyen '941 suggests that his method can be implemented in any general purposed computing device in the form of a conventional personal computer that may be operated in a networked environment using logical connection to one or more computers where the remote computers can be another computer (See Column 7, Lines 44-56), but fails to show a method comprising intercepting a call requesting presentation of a standard user interface.

Chien'021 teaches a method comprising intercepting a call requesting presentation of a standard user interface (i.e., intercepting the call that is made by an

application to use the user interface. See Paragraph 12) for modifying a user interface (i.e., the user interface that is modified is displayed. See Paragraph 12). Chien'021 teaches intercept calls in order to collect data to modify a user interface from any application where the printer could be one of the applications that connects to the computer through a network in reference (See Paragraphs 7-8, 12 and 80).

Having the system of Nguyen '941 and then given the well-established teaching of the Chien'021, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to modify the system of Nguyen '941 as taught by the Chien'021, suggested in Paragraphs 3-6, that such modification would provide secure communication across the internet and protect the improper tampering at the user machine.

Regarding **Claim 28** the combination of Nguyen '941 and Chien'021 discloses system wherein the specialty printing application manager (i.e., the driver user interface handles all device capabilities/settings and presents the user interface, it handles the user interface module and the original equipment manufacturer control system for the printer. See Column 8, Line 40-65) is configured to provide a set of functions to the manufacturer control system that can be used to define features that are to be modified or added to the standard user interface (i.e., the original equipment manufacturer called its provided with the customized functions that will use for modifying the user interface. See Column 12, Line 40-55 in reference Nguyen '941).

Regarding **Claim 29** the combination of Nguyen '941 and Chien'021 discloses system wherein the specialty printing application manager (i.e., the driver user interface handles all device capabilities/settings and presents the user interface, it handles the user interface module and the original equipment manufacturer control system for the printer. See Column 8, Line 40-65) is further configured to provide the requested data to a printer user interface module (i.e., the original equipment manufacturer can have a user interface which interacts with user interface of the printer driver. See Column 9 , Lines 10-19 in reference Nguyen '941).

Regarding **Claim 30** the combination of Nguyen '941 and Chien'021 discloses system wherein the specialty printing application manager (i.e., the driver user interface handles all device capabilities/settings and presents the user interface, it handles the user interface module and the original equipment manufacturer control system for the printer. See Column 8, Line 40-65) is configured to provide a set of functions to the printer user interface module that identify at least one of data and code that can be used to modify the standard user interface (i.e., the original equipment manufacturer provides functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 31** the combination of Nguyen '941 and Chien'021 discloses system wherein the manufacturer control system is configured to provide pointers to the specialty printing application manager (i.e., the driver user interface handles all device capabilities/settings and presents the user interface, it handles the user interface

module and the original equipment manufacturer control system for the printer. See Column 8, Line 40-65) that identifies at least one of data and code that is pertinent to modifying the standard user interface (i.e., the original equipment manufacturer provides functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Regarding **Claim 32**, Nguyen '941 discloses a user interface modification system comprising a specialty printing application manager stored on a computer-readable medium (i.e., the driver user interface handles all device capabilities/settings and presents the user interface, it handles the user interface module and the original equipment manufacturer control system for the customization of the user interface of the printer . See Column 3, Line 20-60 and See Column 8, Line 40-65) comprising logic configured to request data that can be used to modify the standard user interface (i.e., the original equipment manufacturer is called in order to get the data needed to modify the user interface. See Column 12, Lines 40-55) logic configured to receive the requested data (i.e., the original equipment manufacturer is called in order to get the data needed to modify the user interface. See Column 12, Lines 40-55) and logic configured to provide the received data to a printer user interface module such that the printer user interface module can modify the standard user interface to present a modified user interface to a user (i.e., the original equipment manufacturer adds custom items to the user interface. See Column 3, Lines 30-37).

Nguyen '941 suggests that his method can be implemented in any general purposed computing device in the form of a conventional personal computer that may

be operated in a networked environment using logical connection to one or more computers where the remote computers can be another computer (See Column 7, Lines 44-56), but fails to show a method comprising intercepting a call requesting presentation of a standard user interface.

Chien'021 teaches a method comprising intercepting a call requesting presentation of a standard user interface (i.e., intercepting the call that is made by an application to use the user interface. See Paragraph 12) for modifying a user interface (i.e., the user interface that is modified is displayed. See Paragraph 12). Chien'021 teaches intercept calls in order to collect data to modify a user interface from any application where the printer could be one of the applications that connects to the computer through a network in reference (See Paragraphs 7-8, 12 and 80).

Having the system of Nguyen '941 and then given the well-established teaching of the Chien'021, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to modify the system of Nguyen '941 as taught by the Chien'021, suggested in Paragraphs 3-6, that such modification would provide secure communication across the internet and protect the improper tampering at the user machine.

Regarding **Claim 33** the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to request data comprises logic configured to provide a set of functions that can be used to define features that are to be modified or added to the standard user interface (i.e., the original equipment manufacturer called its

provided with the customized functions that will use for modifying the user interface. See Column 12, Line 40-55 in reference Nguyen '941).

Regarding **Claim 34** the combination of Nguyen '941 and Chien'021 discloses system wherein the logic configured to provide the received data comprises logic configured to provide a set of functions to the printer user interface module that identify at least one of data and code that can be used to modify the standard user interface (i.e., the original equipment manufacturer provides functions and codes for customizing and presenting the user interface. See Column 3 , Lines 33-36 and See Column 8, Lines 13-17 in reference Nguyen '941).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Iriana Cruz whose telephone number is (571) 270-3246. The examiner can normally be reached on Monday-friday 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Aung Moe can be reached on (571) 272-7314. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Iriana Cruz
Examiner
Art Unit 2625

November 26, 2007

AUNG S. MOE
SUPERVISORY PATENT EXAMINER
11/27/07